

Ephemerides of the newly-discovered planets for the present year are given in the *Berliner Jahrbuch* for 1852, and will not, except in special cases, be published in the *Monthly Notices*. These ephemerides will also be given in the *Nautical Almanac* for 1853, which is on the eve of publication.

NEPTUNE.

Unnoticed Observations of Neptune.

Mr. Hind says,—“ In looking over the zones of Dr. Lamont, observed at Munich in 1845 and 1846, I have found two observations of *Neptune* as a star, the *first* on 1845, October 25, in zone 338, when it passed the centre wire at 21^h 42^m 43^s·1, and was noted as a ninth magnitude; the *second* on 1846, September 7, in zone 379, at 21^h 54^m 24^s·9 called an eighth magnitude. Taking the positions of a number of the brighter stars in each zone, from Airy or Henderson, I find for the apparent positions of *Neptune* :

		Green. M.T.	R.A.	N.P.D.
		^h _h ^m _m ^s _s	^h _h ^m _m ^s _s	^o _o ['] _' ["] _"
1845, Oct.	25	6 40 15	21 42 42·48	104 14 23·0
1846, Sept.	7	10 1 57	21 54 44·51	103 16 21·8

HAMBURG.		Equatoreal.		(M. C. Rümker.)	
	Hamb. M.T.	R.A.	Decl.		
1849.	^h _h ^m _m ^s _s	^o _o ['] _' ["] _"	^o _o ['] _' ["] _"		
July 25	11 57 33·6	336 23 3·3	—10 38 2·0	Equat.	
28	11 36 4·3	19 5·7	39 37·3		
30	11 51 51·0	16 28·6	40 40·2		
31	13 46 52·6	15 0·2	41 20·7	Mer. Circle.	
Aug. 1	11 1 30·6	13 49·7	41 44·1	Equat.	
8	11 46 31·6	336 3 57·4	45 42·2		
14	10 49 9·6	335 55 3·6	—10 49 14·5		

Meridian Circle.

Aug. 14	12 50 29·9	335 54 54·9	—10 49 22·9
25	12 6 7·6	38 3·0	55 54·4
30	11 45 56·9	30 13·0	10 59 0·2
Sept. 4	25 46·9	22 35·4	11 1 59·9
5	21 44·4	20 57·3	2 37·5
7	13 40·7	17 58·2	3 47·8
9	11 5 37·0	14 58·2	4 52·4
13	10 49 29·3	8 57·6	7 10·4
15	10 41 26·0	335 6 4·0	—11 8 19·0

	1849.	Hamb. M.T.			R.A.			Dec.		
		h	m	s	°	'	"	°	'	"
Sept.	19	12	25	14.5	334	59	3.2	— 11	10	57.4
	24		5	13.2		53	37.5		13	1.6
	25	10	1	13.2		52	22.3		13	28.1
	26		9	57 11.0		51	1.8		13	56.6
	27		53	10.0		49	43.9		14	26.8
Oct.	1		37	7.0		44	53.9		16	15.5
	5		21	5.1		40	17.8		18	2.0
	6		9	17 4.6		39	9.5		18	25.6
	13		8	49 4.5		32	12.0		20	59.2
	14		45	5.9		31	16.5		21	19.9
	15		41	6.4		30	21.5		21	44.5
	16		37	7.0		29	29.7		21	59.0
	22		8	13 13.6		24	59.7		23	39.3
	29		7	45 26.6		21	0.3		25	3.9
	30		41	28.6		20	33.6		25	7.3
Nov.	2		7	29 36.2		19	22.4		25	41.2
	12		6	50 9.6		17	29.7		26	9.8
	14		42	17.8		17	29.6		26	9.1
	18		26	35.8		17	54.6		25	58.2
	20		18	45.6		18	19.1		25	42.0
	21		6	14 50.5		18	31.1		25	37.4
	26		5	55 18.1		20	19.9		24	56.5
	28		47	29.9		21	13.1		24	28.4
	29		43	36.3		21	16.6		24	16.7
	30		39	42.3		22	16.3		24	4.8
Dec.	6		5	16 18.7					22	27.0
	11		4	57 2.7		31	8.8		19	32.4
	13		4	49 14.9	334	32	8.4	— 11	19	6.9

METIS.

LIVERPOOL.				Equatoreal.				(Mr. Hartnup.)					
								Comput ^d .—Obs ^d .		Stars of Comp.			
Green. M.T.				R.A.		N.P.D.		R.A.	N.P.D.	B.A.C.			
1849-50.	h	m	s	h	m	s	°	'	"	s	"		
Dec. 30	5	57	14.2	23	3	28.06	100	52	53.0	—0.67	—2.8	7974, 8109	
Jan. 7	6	13	3.2	15	50.05		99	19	11.3	0.34	4.1	8102, 8214	
	13	5	55	59.4	25	23.21	98	6	53.9	0.41	3.1	8109, 8274	
	17	6	28	41.3	23	31	56.09	97	17	29.9	—0.36	—8.4	— —

“ The observations are corrected for refraction and parallax. The computed places were deduced from Mr. Graham’s ephemeris. The places of the stars of comparison are taken from the catalogue cited.”